

**AMENDMENTS TO THE SPECIFICATION**

Please replace paragraph [0023] on page 6 with the following paragraph:

[0034] Figure 11 is a cross-sectional view of a fuel cell 98 similar to the fuel cell 70, where like reference numerals identify like elements. In this design, the top bipolar plate 72 includes square cooling channels 100 and the bottom bipolar plate 80 includes square cooling channels 102. Additionally, the recessed edges 88 and the recessed edges 90 accept end caps 106. In one embodiment, the end caps 106 are made of a metal or polymeric material, and have fluid fluid channels 108 to control the flow of the fluids to the plates 72 and 80.